OIPE IAP45
OCT 03 2005
PATENT & TRADEMARK OFFICE

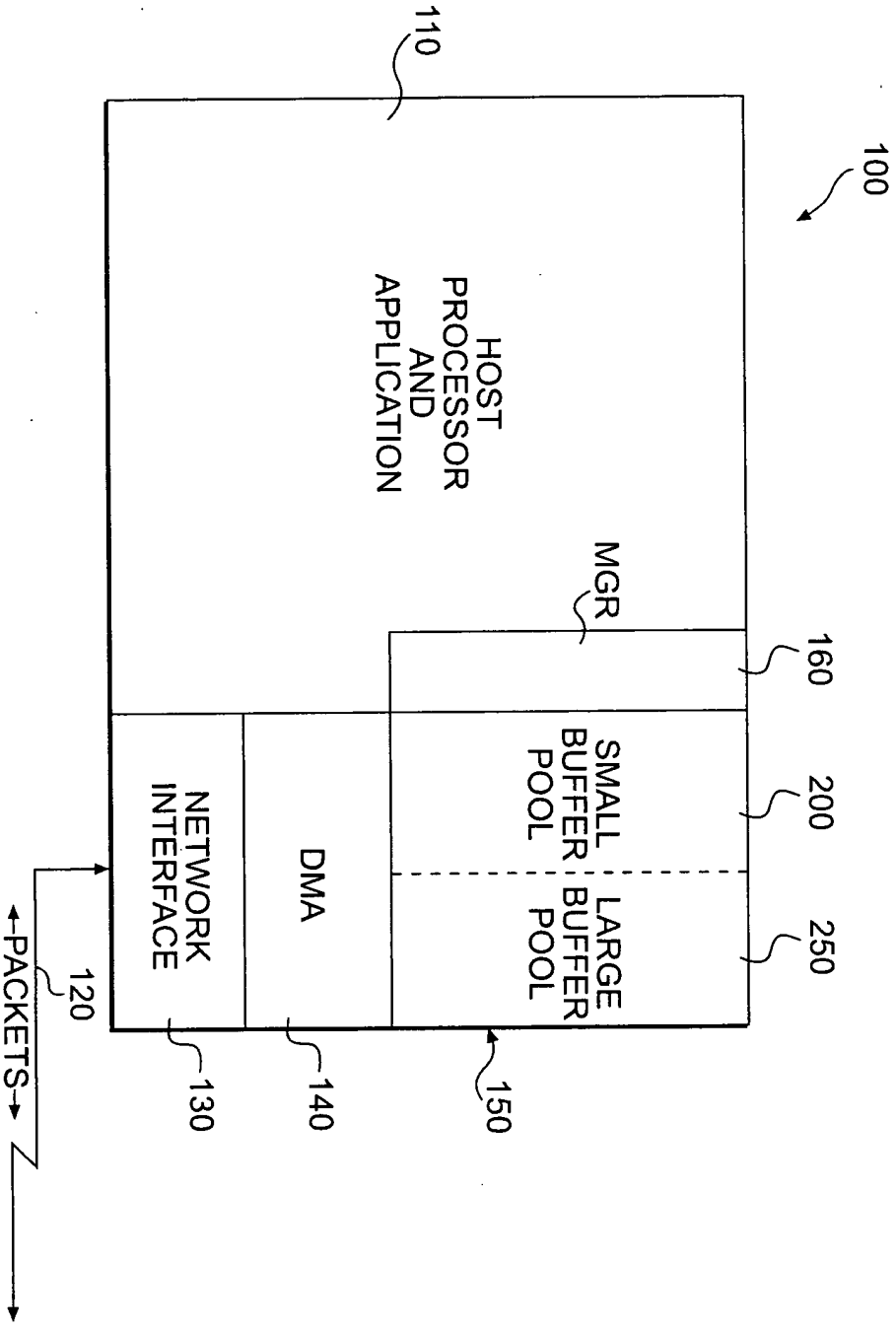

FIG. 1

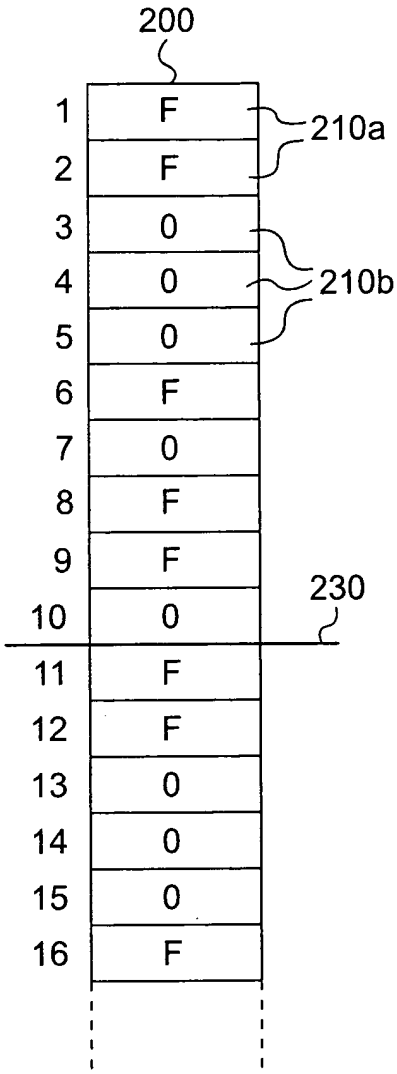
200
1 F
2 F
3 0
4 0
5 0
6 F
7 0
8 F
9 F
10 0
11 F
12 F
13 0
14 0
15 0
16 F
210a
210b
230

FIG. 2A

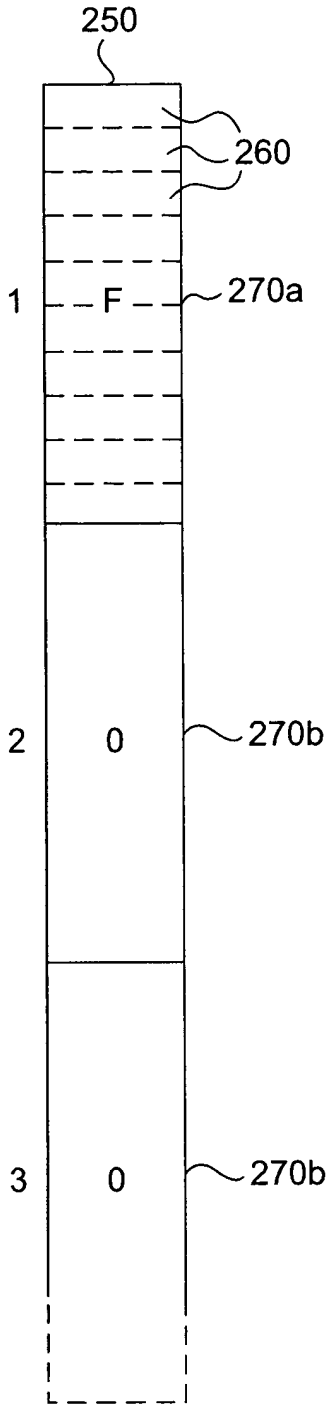
250
260
1 F
270a
2 0
270b
3 0
270b

FIG. 2B

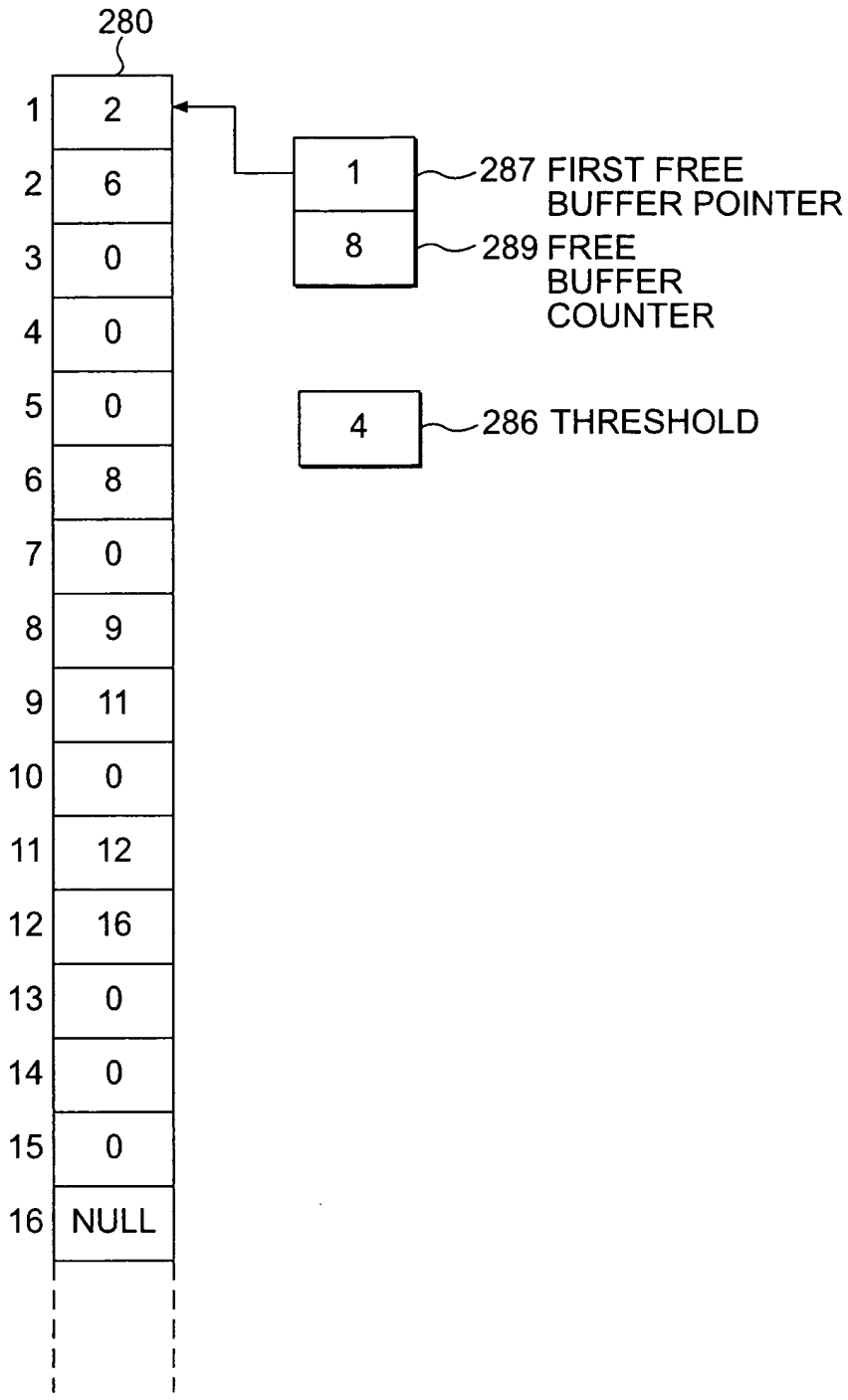
280
1
2
2
6
3
0
4
0
5
0
6
8
7
0
8
9
9
11
10
0
11
12
12
16
13
0
14
0
15
0
16
NULL
1
287 FIRST FREE BUFFER POINTER
8
289 FREE BUFFER COUNTER
4
286 THRESHOLD

FIG. 3

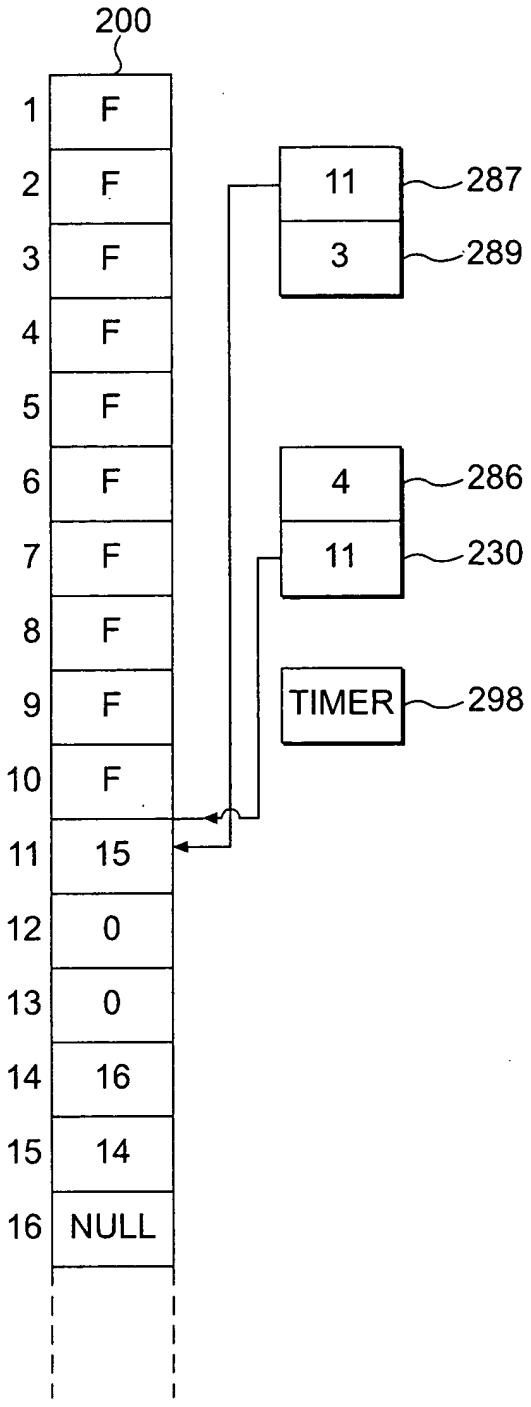
200
1 F
2 F
3 F
4 F
5 F
6 F
7 F
8 F
9 F
10 F
11 15
12 0
13 0
14 16
15 14
16 NULL
11
287
3
289
4
286
11
230
TIMER
298

FIG. 4